

The Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An installation structure for an electric rotating machine to a wheel of a motor vehicle, the electric rotating machine being for accomplishing at least one of an electrical driving for the wheel and an electric power generation by a power from the wheel, the installation structure comprising:

a wheel hub fixed to and rotatable with the wheel;

a bearing through which the wheel hub is rotatably supported;

a suspension installed between a vehicle body of the motor vehicle and the wheel;

a bearing support member connected to a wheel-side section of the suspension and supporting the bearing; and

a bearing counterpart member flange disposed adjacent to the bearing support member;

wherein the electric rotating machine includes a power output shaft, which fits the wheel hub, and a housing flange for location of the electric rotating machine in a direction of an axis of the power output shaft, the housing flange being brought into contact with located between a wheel-side section of the bearing support member and the bearing counterpart member flange, the wheel-side section of the bearing support member facing towards the wheel in the direction of the axis of the power output shaft.

2. (Original) An installation structure as claimed in Claim 1, wherein the bearing support member includes a section defining a hole, wherein the electric rotating machine is disposed in the hole in a manner to extend through the hole.

3. (Original) An installation structure as claimed in Claim 1, wherein the bearing is formed integral with the electric rotating machine.

4. (Currently Amended) An installation structure for an electric rotating machine to a wheel of a motor vehicle, the electric rotating machine being for accomplishing at least one of an electrical driving for the wheel and an electric power generation by a power from the wheel, the installation structure comprising:

a wheel hub fixed to and rotatable with the wheel, the wheel hub including a cylindrical shaft section;

a bearing counterpart member including a cylindrical shaft section, and a bearing counterpart member flange section integral with the cylindrical shaft section, the cylindrical section of the bearing counterpart member being arranged coaxial with the cylindrical section of the wheel hub so as to form a cylindrical bearing;

a suspension installed between a vehicle body of the motor vehicle and the wheel; and

a bearing support member connected to a wheel-side section of the suspension and supporting the bearing, the bearing support member including a section defining a hole;

wherein the electric rotating machine includes a housing which is disposed in the hole of the bearing support member and extends toward the vehicle body, a power output shaft which extends from the housing and passes through the bore of the cylindrical bearing to be fitted in the wheel hub, and a housing flange for location of the electric rotating machine in a direction of an axis of the power output shaft, the housing flange being fixedly connected to the housing and brought into contact with a wheel-side section of the bearing support member, the wheel-side section of the bearing support member facing towards the wheel in the direction of the axis of the power output shaft, the housing flange being fastened to the bearing support member on the wheel-side section of bearing support member.

5. (Previously Presented) An installation structure for an electric rotating machine to a wheel of a motor vehicle, the electric rotating machine being for accomplishing at least one of an electrical driving for the wheel and an electric power generation by a power from the wheel, the installation structure comprising:

a wheel hub fixed to and rotatable with the wheel;

a bearing through which the wheel hub is rotatably supported;

a suspension installed between a vehicle body of the motor vehicle and the wheel; and

a bearing support member connected to a wheel-side section of the suspension and supporting the bearing,

wherein the electric rotating machine includes a power output shaft which fits the wheel hub, and a flange for location of the electric rotating machine in a direction of the axis of the power output shaft, the flange being brought into contact with a wheel-side section of the bearing support member,

wherein the flange of the electric rotating machine is disposed between and fastened to the bearing support member and a flange section of a bearing counterpart member.

6. (Currently Amended) An installation structure as claimed in Claim 4, wherein the housing flange section of the electric rotating machine is formed integral with the bearing counterpart member flange section of the ~~bearing counterpart member~~ so as to form a bearing-flange section.

7. (Original) An installation structure as claimed in Claim 6, wherein the bearing-flange section being fastened to the bearing support member.